

Title (en)  
SPERM CRYOPROTECTIVE MEDIA

Title (de)  
KRYOSCHUTZMEDIEN FÜR SPERMIEN

Title (fr)  
MILIEUX CRYOPROTECTEURS POUR LE SPERME

Publication  
**EP 2043431 B1 20180307 (EN)**

Application  
**EP 07809520 A 20070612**

Priority

- US 2007013884 W 20070612
- US 81283306 P 20060612
- US 84074406 P 20060829
- US 85450106 P 20061025

Abstract (en)  
[origin: WO2007146344A2] Described herein is a composition that comprises a cryoprotectant; a membrane protectant that stabilizes or assists in stabilization of membranes of sperm; and a free radical scavenger (e.g., a reducing agent, an antioxidant).

IPC 8 full level  
**A01N 1/02** (2006.01)

CPC (source: EP US)  
**A01N 1/02** (2013.01 - EP US); **A01N 1/0221** (2013.01 - EP US); **A01N 1/0226** (2013.01 - EP US); **C12N 5/061** (2013.01 - US)

Cited by  
EP4082339A1; DE102021002257A1

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DOCDB simple family (publication)  
**WO 2007146344 A2 20071221; WO 2007146344 A3 20081113; WO 2007146344 A9 20080214;** AU 2007258289 A1 20071221;  
AU 2007258289 B2 20130110; BR PI0712825 A2 20120724; CA 2659069 A1 20071221; CA 2659069 C 20190604; EP 2043431 A2 20090408;  
EP 2043431 B1 20180307; EP 3420817 A1 20190102; ES 2672630 T3 20180615; NZ 573760 A 20120112; US 2008026361 A1 20080131;  
US 2011250581 A1 20111013; US 2013122483 A1 20130516; US 2013189669 A1 20130725; US 8420307 B2 20130416;  
US 8435729 B2 20130507; US 8685637 B2 20140401

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EP 07809520 A 20070612; EP 18160129 A 20070612; ES 07809520 T 20070612; NZ 57376007 A 20070612; US 201113165265 A 20110621;  
US 201213723721 A 20121221; US 201313780178 A 20130228; US 81196807 A 20070612